

Title (en)

Heat exchanger for gas fired boiler, its method of manufacture and boiler having such a heat exchanger.

Title (de)

Wärmetauscher für Gaskessel, Herstellungsverfahren dafür und Kessel mit einem solchen Wärmetauscher.

Title (fr)

Corps de chauffe pour chaudière, du type à gaz, son procédé de fabrication et chaudière incorporant un tel corps de chauffe.

Publication

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Application

EP 91420410 A 19911119

Priority

FR 9014695 A 19901119

Abstract (en)

[origin: EP0487434A1] The heating body according to the invention comprises a hearth (4) intended to receive a gas burner, a mixing chamber (5), a circuit for circulation of the gases and smoke, a circuit for circulation of the heat-exchanging fluid and a heat exchanger (1) between these two circuits, characterised in that: the exchanger (1) is constituted in the form of a support body comprising a barrel (3) containing a series of exchanger tubes (2) fixed, by their feet (21), to the hearth and, by their tops (22), to the chamber (5), passing through it, the exchanger tubes (2) opening inside the hearth (4) and outside the chamber (5). and in that the chamber (5) and the hearth (4) are mounted respectively at one of the ends of the barrel. Application to wall-mounted gas-fired boilers. <IMAGE>

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IPC 8 full level

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